

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	4660	(mail or e\$\$mail) near4 complet\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:43
S2	156	(mail or e\$\$mail) near4 complet\$3 near4 automatic\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:41
S3	11	S2 and (designat\$3 near4 recipient)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:41
S4	2794	(mail or e\$\$mail) and (notif\$6 near4 complet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:44
S5	42	(mail or e\$\$mail) and (respon\$3 near4 notif\$6 near4 complet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:44
S6	3	(mail or e\$\$mail) and (respon\$3 near4 notif\$6 near4 complet\$3) and designat\$3 and recipient	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:48
S7	2125	(mail or e\$\$mail) and (complet\$3 near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:48
S8	82	(mail or e\$\$mail) and (complet\$3 near4 button) and (designat\$3 near4 recipient)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:49
S9	0	(mail or e\$\$mail) and (notif\$6 near4 complet\$3 near4 button) and (designat\$3 near4 recipient)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:49
S10	25	(mail or e\$\$mail) and (notif\$6 near4 complet\$3 near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:50
S11	50	(mail or e\$\$mail).ti. and (complet\$3 near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:50

## EAST Search History

S12	21	(mail or e\$\$mail).ti. and (complet\$3 near4 button) and recipient and designat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 13:56
S13	12	(mail or e\$\$mail).ti. and (complet\$3 near4 task) and (repl\$4 near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:03
S14	8	(mail or e\$\$mail).ti. and (complet\$3 near4 task) and (auto\$\$respon\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:03
S15	12	(mail or e\$\$mail).ti. and (complet\$3 near4 task) and ((reply\$3 or respon\$3) near4 quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:05
S16	2	(mail or e\$\$mail).ti. and (complet\$3 near4 button) and ((reply\$3 or respon\$3) near4 quer\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:05
S17	4	(mail or e\$\$mail).ti. and (complet\$3 near4 button near5 (reply\$3 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:07
S18	8	(mail or e\$\$mail).ti. and (complet\$3 near4 indicat\$3 near5 (reply\$3 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:11
S19	15	(mail or e\$\$mail).ti. and (complet\$3 near4 indicator)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:13
S20	45	(mail or e\$\$mail).ab. and (complet\$3 near4 indicator)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:17
S21	41	(mail or e\$\$mail).ab. and (complet\$3 near4 indicator) and (repl\$4 or respon\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:13
S22	0	(mail or e\$\$mail).ab. and (complet\$3 near4 indicator) and (track\$3 near4 (repl\$4 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:13
S23	206	(mail or e\$\$mail).ab. and (track\$3 near4 (repl\$4 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:13

## EAST Search History

S24	206	(mail or e\$\$mail).ab. and (track\$3 near4 (repl\$4 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 14:17
S25	17	(mail or e\$\$mail).ab. and (track\$3 near4 (repl\$4 or respon\$3)) and (complet\$3 near4 task\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:21
S26	206	(mail or e\$\$mail).ab. and (track\$3 near4 (repl\$4 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:21
S27	106	(mail or e\$\$mail).ti. and (track\$3 near4 (repl\$4 or respon\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:22
S28	2	(mail or e\$\$mail).ti. and (track\$3 near4 (repl\$4 or respon\$3)) and (notif\$7 near4 complet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:22
S29	53	(mail or e\$\$mail).ti. and (track\$3 near4 (repl\$4 or respon\$3)) and 709/206.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:23
S30	24	(mail or e\$\$mail).ti. and (track\$3 near4 (repl\$4 or respon\$3)) and 709/206.ccls. and recipient and designat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:30
S31	30	(mail or e\$\$mail).ab. and (track\$3 near4 (repl\$4 or respon\$3)) and 709/206.ccls. and recipient and designat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:32
S32	7	((mail or e\$\$mail) near5 track\$3 near4 reply\$3) and 709/206.ccls. and recipient and designat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:33
S33	13	((mail or e\$\$mail) near4 reply\$3) and 709/206.ccls. and recipient and designat\$3 and (complet\$3 near4 task)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:09
S34	35	((mail or e\$\$mail) near4 reply\$3) and 709/206.ccls. and (complet\$3 near4 task)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:40
S35	1	((mail or e\$\$mail) near4 reply\$3) and 709/206.ccls. and ("completed" near4 (button or icon))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:40

## EAST Search History

S36	22	709/206.ccls. and ("completed" near4 (button or icon))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/17 10:56
S37	11	709/206.ccls. and (notif\$7 near4 complet\$3 near4 task)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:47
S38	13	"6327611"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:44
S39	1	"6076101".PN.	USPAT; USOCR	OR	ON	2007/03/10 16:46
S40	1	"6012083".PN.	USPAT; USOCR	OR	ON	2007/03/10 16:46
S41	1	"5978836".PN.	USPAT; USOCR	OR	ON	2007/03/10 16:46
S42	1	"5923848".PN.	USPAT; USOCR	OR	ON	2007/03/10 16:46
S43	162	709/206.ccls. and (notif\$7 near4 complet\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:47
S44	11	709/206.ccls. and (notif\$7 near4 complet\$3) and (inform\$3 near4 recipient)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:52
S45	24	709/206.ccls. and (notif\$7 near4 complet\$3) and ((mail or e\$\$mail) near4 reply\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:59
S46	51	709/206.ccls. and (notif\$7 near4 complet\$3) and ((mail or e\$\$mail) near4 respon\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/10 16:59
S47	25	709/206.ccls. and (notif\$7 near4 complet\$3) and ((mail or e\$\$mail) near4 respon\$4) and task	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/03/12 10:19
S48	1	("6993558").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 11:37
S49	1	("20010042081").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/12 11:37

## EAST Search History

S50	1	("20050027803").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 19:14
S51	1	("7032029").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 19:18
S52	1	("6327511").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/14 19:18
S53	1	"5997167".PN.	USPAT; USOCR	OR	ON	2007/03/14 19:20
S54	52	("3971000"   "4319338"   "4688167"   "4845644"   "4858152"   "4897777"   "4912623"   "4937777"   "4949274"   "4953074"   "4992926"   "5012402"   "5023770"   "5047959"   "5072356"   "5072412"   "5109487"   "5122948"   "5131092"   "5134574"   "5151896"   "5151978"   "5157595"   "5159673"   "5161211"   "5165030"   "5179700"   "5225974"   "5245704"   "5251302"   "5283861"   "5297257"   "5307463"   "5321829"   "5349675"   "5398336"   "5406473"   "5420977"   "5440699"   "5446868"   "5528503"   "5598536"   "5613115"   "5623652"   "5625781"   "5699350"   "5734831"   "5805442"   "5950006"   "5975737"   "5982362"   "5997167").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 19:20
S55	17	S54 and peer	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/14 19:21
S56	2	((("6226670") or ("6374292")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/17 11:00
S57	16	"6226670"	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:20
S58	460	(redirect\$3 near4 (ip near4 address\$3))	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:21
S59	12	(redirect\$3 near4 (ip near4 address\$3)) and (data near4 terminal) and (wireless near4 terminal)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:31

## EAST Search History

S60	0	(redirect\$3 near4 (ip or (internet near4 protocol))) and (data near4 terminal) and (wireless near4 terminal) and (content near4 provider)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:31
S61	41	(redirect\$3) and (data near4 terminal) and (wireless near4 terminal) and (content near4 provider)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:31
S62	3	(redirect\$3) and (data near4 terminal) and (wireless near4 terminal) and (content near4 provider) and (provid\$3 near4 (ip or internet near4 protocol) near4 address\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 11:33
S63	13	(data near4 terminal) and (wireless near4 terminal) and (content near4 provider) and (provid\$3 near4 (ip or internet near4 protocol) near4 address\$3)	US-PGPUB; USPAT; USOCR	OR	ON	2007/03/17 12:01
S64	2	((("6691106") or ("6731612")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/17 13:35
S65	2	((("6778492") or ("20020109879")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/03/17 13:35
S66	4	((mail or e\$\$mail) near5 autonomic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:13
S67	14	((mail or e\$\$mail) same autonomic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:15
S68	390	((mail or e\$\$mail) and autonomic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:16
S69	21	((mail or e\$\$mail) and autonomic) and sender and recipient	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:23
S70	21	((mail\$3 or e\$\$mail) and autonomic) and sender and recipient	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:25

## EAST Search History

S71	9	((mail\$3 or e\$\$mail) and autonomic) and to\$\$do	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:30
S72	70	((mail\$3 or e\$\$mail) and autonomic) and ful\$\$fill\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:31
S73	20	((mail\$3 or e\$\$mail) and autonomic) and ((task or question) near4 ful\$\$fill\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:32
S74	5	((mail\$3 or e\$\$mail).ti. and autonomic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 15:29
S75	15	((mail\$3 or e\$\$mail).ab. and autonomic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:34
S76	36	((mail\$3 or e\$\$mail).clm. and autonomic)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 14:34
S77	42	((mail\$3 or e\$\$mail) and (indicat\$3 near4 autonomic))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 15:32
S78	8	((mail\$3 or e\$\$mail) and ((reply\$3 or respond\$3) near4 autonomic))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:42
S79	1	("6374292").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:43
S80	3	((("5761415") or ("5822526") or ("5632018"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 15:51
S81	67	"5632018"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 16:12
S82	38	"5632018" and (mail\$3 or e\$\$mail\$3) and respond\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 15:53



## EAST Search History

S83	2058	((mail\$3 or e\$\$mail) same question same answer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 16:20
S84	14	((mail\$3 or e\$\$mail) same question same answer) and autonomic	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 16:20
S85	167	((mail\$3 or e\$\$mail).ti.) and (question near5 answer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 16:21
S86	105	((mail\$3 or e\$\$mail).ti.) and ((reply\$3 or respon\$4) near5 answer)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 16:33
S87	6	((mail\$3 or e\$\$mail).ti.) and ((reply\$3 or respon\$4) near5 answer) and ((complet\$3 or clos\$3) near4 (action or request\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 16:57
S88	2	(("20020087646") or ("6691153")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 17:03
S89	1	("20040024655").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/26 17:03
S90	1193	((mail\$3 or e\$\$mail) and ((reply\$3 or respond\$3))) and (complet\$3 near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:42
S91	150	((mail\$3 or e\$\$mail) near4 (reply\$3 or respond\$3)) and (complet\$3 near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:43
S92	19	((mail\$3 or e\$\$mail) near4 (reply\$3 or respond\$3)) and (completion near4 button)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:49
S93	444	((mail\$3 or e\$\$mail) near4 (reply\$3 or respond\$3)) and (complet\$3 near4 (task or answer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:50
S94	108	((mail\$3 or e\$\$mail).ti. and (reply\$3 or respond\$3)) and (complet\$3 near4 (task or answer))	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:50



## EAST Search History

S95	3	((mail\$3 or e\$\$mail).ti.) and ((task or answer) near4 (reply\$3 or respond\$3)) and (complet\$3 near4 indicat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:52
S96	40	((mail\$3 or e\$\$mail).ab.) and ((task or answer) near4 (reply\$3 or respond\$3)) and (complet\$3 near4 indicat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:55
S97	2137	((mail or e\$\$mail) same (reply\$3 or respon\$4)) and (complet\$3 near4 indicat\$3) and (answer nera4 status)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 18:56
S98	7	((mail or e\$\$mail) same (reply\$3 or respon\$4)) and (complet\$3 near4 indicat\$3) and (answer near4 status)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/26 19:01
S99	291	((mail or e\$\$mail) same (reply\$3 or respon\$4)) and (complet\$3 near4 indicat\$3) and (track\$3 near4 status)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 00:55
S10 0	28	((mail or e\$\$mail) same (reply\$3 or respon\$4)) and (complet\$3 near4 indicat\$3) and (e\$\$respon\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:44
S10 1	27	"e-sponses"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 09:33
S10 2	4957	((mail or e\$\$mail) same (reply\$3 or respon\$4)) and (unique\$3 near4 identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:44
S10 3	170	((mail or e\$\$mail) same (reply\$3 or respon\$4)) and (unique\$3 near4 identifier send\$3) and (unique\$3 near4 (reply or respon\$4) near4 identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:45
S10 4	86	((mail or e\$\$mail) near10 (reply\$3 or respon\$4)) and (unique\$3 near4 identifier send\$3) and (unique\$3 near4 (reply or respon\$4) near4 identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 10:45
S10 5	3	((mail or e\$\$mail) near10 (reply\$3 or respon\$4)) and (unique\$3 near4 identifier send\$3) and (unique\$3 near4 (reply or respon\$4) near4 identifier) and (unique\$3 near4 combin\$5 near4 identifier)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/04/27 15:11

## EAST Search History

S106	1	("20020120581").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 15:18
S107	1	("20050027803").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 16:55
S108	1	("20050080853").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/27 16:55
S109	1	("20050027803").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/01 16:32
S110	1	("20020035605").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/01 16:32
S111	3124	((mail) near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:32
S112	94	((mail) near4 complet\$3 near4 (reply\$3 or respon\$4)) and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 00:57
S113	30	((mail) near4 complet\$3 near4 (reply\$3 or respon\$4)) and (@ad<"20030731" or @rlad<"20030731") and recipient and sender	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:04
S114	202	((mail) near4 (reply\$3 or respon\$4)) and (indicat\$3 near4 (complet\$3 or finish\$3))and (@ad<"20030731" or @rlad<"20030731") and recipient and sender	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:05
S115	12	((mail) near4 (reply\$3 or respon\$4)) and (indicat\$3 near4 (complet\$3 or finish\$3) near4 action)and (@ad<"20030731" or @rlad<"20030731") and recipient and sender	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:14
S116	1	"20020087646"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:10
S117	0	((mail) near4 (reply\$3 or respon\$4)) and (indicat\$3 near4 (complet\$3 or finish\$3) near4 answer\$3)and (@ad<"20030731" or @rlad<"20030731") and recipient and sender	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:15

## EAST Search History

S11 8	57	((mail) near4 (reply\$3 or respon\$4)) and ((complet\$3 or finish\$3) near4 answer\$3)and (@ad<"20030731" or @rlad<"20030731") and recipient and sender	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:15
S11 9	55	((mail) near4 (reply\$3 or respon\$4)) and ((complet\$3 or finish\$3) near4 answer\$3)and (@ad<"20030731" or @rlad<"20030731") and recipient and sender and group	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:21
S12 0	142	((indicat\$3) near4 (reply\$3 or respon\$4)) and (group\$3 near4 mail)and (@ad<"20030731" or @rlad<"20030731") and recipient and sender and group	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:23
S12 1	26	((indicat\$3) near4 (reply\$3 or respon\$4)) and (notif\$6 near4 recipient) and (group\$3 near4 mail)and (@ad<"20030731" or @rlad<"20030731") and recipient and sender and group	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:23
S12 2	28	(designat\$3 near4 complet\$3) and 709/206.ccls. and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:48
S12 3	84	(action near4 complet\$3) and 709/206.ccls. and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 01:49
S12 4	1	(notif\$7 near4 group) and (action near4 complet\$3) and 709/206.ccls. and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 02:05
S12 5	1	"20050027803"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 02:03
S12 6	15	(mail near4 group) and (action near4 complet\$3) and 709/206.ccls. and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 02:08
S12 7	5	(mail near4 group) and (answer\$3 near4 complet\$3) and 709/206.ccls. and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 02:10
S12 8	20	(answer\$3 near4 complet\$3) and 709/206.ccls. and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 13:46

## EAST Search History

S12 9	168	(answer\$3 near4 mail) and (notif\$7 near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 13:47
S13 0	16	(answer\$3 near4 mail) and (notif\$7 near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731") and ((multiple or plurality) near4 recipient)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 13:49
S13 1	1	(answer\$3 near4 mail near5 group) and (notif\$7 near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 13:50
S13 2	198	(mail near5 group) and (notif\$7 near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 13:50
S13 3	53	(mail near5 group) and (notif\$7 near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731") and "709"/\$. ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:00
S13 4	18	(mail near5 group) and (notif\$7 near4 complet\$3) and (@ad<"20030731" or @rlad<"20030731") and "709"/\$. ccls. and answer\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 13:51
S13 5	1	"7139801"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:05
S13 6	189	(kelley near4 edward).in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:05
S13 7	40	(kelley near4 edward).in. and (mail or e\$mail)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:14
S13 8	20	(kelley near4 edward).in. and (mail or e\$mail) and (@ad<"20030731" or @rlad<"20030731")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:06
S13 9	30	(wilbrink).in. and (mail or e\$mail)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2007/11/02 14:14

[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#) | [Sitemap](#) | [Help](#)

Welcome United States Patent and Trademark Office

☐ Search Results[BROWSE](#)[SEARCH](#)[IEEE XPLORE GUIDE](#)[SUPPORT](#)[e-mail](#) [printer friendly](#)

Results for "(( mail&lt;in&gt;metadata ) &lt;and&gt; ( track&lt;in&gt;metadata ) )&lt;and&gt; ( answer&lt;in&gt;..."

Your search matched 1 of 1682970 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

## » Search Options

[View Session History](#)[New Search](#)

## Modify Search

 ☐ Check to search only within this results setDisplay Format: ☒ Citation ☐ Citation & Abstract

## » Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)

- ☐ 1. A voice information system supporting compliance in the Aviron FluMist™ vaccine trial  
Zeigler, B.L.; Bulley, N.;  
[Interactive Voice Technology for Telecommunications Applications, 1998. IVTTA '98. Proceedings. 1998 IEEE 4th Workshop](#)  
29-30 Sept. 1998 Page(s):215 - 218  
Digital Object Identifier 10.1109/IVTTA.1998.727723  
[AbstractPlus](#) | Full Text: [PDF\(300 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

Indexed by  
 Inspec®[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE](#)

© Copyright 2006 IEEE – All Rights Reserved


[Home](#) | [Login](#) | [Logout](#) | [Access Information](#) | [Alerts](#) | [Purchase History](#) | [Cart](#) | [Sitemap](#) | [Help](#)

Welcome United States Patent and Trademark Office

☐ Search Results

BROWSE

SEARCH

IEEE XPLORE GUIDE

SUPPORT

Results for "( ( mail&lt;in&gt;metadata ) &lt;and&gt; ( track&lt;in&gt;metadata ) )&lt;and&gt; ( response&lt;in&gt;g..."

☐ e-mail ☐ printer friendly

Your search matched 2 of 1682970 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

[View Session History](#)
[New Search](#)

Modify Search

 
☐ Check to search only within this results set
Display Format: ☒ Citation ☐ Citation & Abstract

» Key

IEEE JNL IEEE Journal or Magazine

IET JNL IET Journal or Magazine

IEEE CNF IEEE Conference Proceeding

IET CNF IET Conference Proceeding

IEEE STD IEEE Standard

[Select All](#) [Deselect All](#)


## 1. Feedback control of a Lotus Notes server: modeling and control design

Gandhi, N.; Tilbury, D.M.; Parekh, S.; Hellerstein, J.;  
[American Control Conference, 2001. Proceedings of the 2001](#)  
 Volume 4, 25-27 June 2001 Page(s):3000 - 3005 vol.4  
 Digital Object Identifier 10.1109/ACC.2001.946372

[AbstractPlus](#) | Full Text: [PDF\(504 KB\)](#) IEEE CNF  
[Rights and Permissions](#)



## 2. Control and localisation of a post distributing mobile robot

Adams, M.; Tschichold-Gurman, N.; Muller, R.; Neogy, S.; Ruf, L.; Vestli, S.; von Flue, D.;  
[Intelligent Robots and Systems '94. 'Advanced Robotic Systems and the Real World'. IROS '94](#)  
[Proceedings of the IEEE/RSJ/GI International Conference on](#)  
 Volume 1, 12-16 Sept. 1994 Page(s):150 - 156 vol.1  
 Digital Object Identifier 10.1109/IROS.1994.407397

[AbstractPlus](#) | Full Text: [PDF\(484 KB\)](#) IEEE CNF  
[Rights and Permissions](#)

[Help](#) [Contact Us](#) [Privacy & Security](#) [IEEE](#)

© Copyright 2006 IEEE – All Rights Reserved

 Indexed by  
 Inspec




[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY

 [Report a problem](#) [Satisfaction survey](#)

Terms used:

**email completed track response intend recipient unique identification number sender designated**

 Found  
54 of  
213,681

 Sort results  
by

 Display  
results



☐ Open results in a new window

[Try an Advanced Search](#)
[Try this search in The ACM Guide](#)

Results 1 - 20 of 54

 Result page: [1](#) [2](#) [3](#) [next](#)

 Relevance scale ☐ ☐ ☐ ☐ ☐

### 1 [Fast detection of communication patterns in distributed executions](#)

Thomas Kunz, Michiel F. H. Seuren

 November 1997 **Proceedings of the 1997 conference of the Centre for Advanced Studies on Collaborative research CASCON '97**

Publisher: IBM Press

Full text available: pdf(4.21 MB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event tracer developed at the University of Waterloo. However, these diagrams are often very complex and do not provide the user with the desired overview of the application. In our experience, such tools display repeated occurrences of non-trivial commun ...

### 2 [Principled design of the modern Web architecture](#)



Roy T. Fielding, Richard N. Taylor

 May 2002 **ACM Transactions on Internet Technology (TOIT)**, Volume 2 Issue 2

Publisher: ACM Press

Full text available: pdf(335.47 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

The World Wide Web has succeeded in large part because its software architecture has been designed to meet the needs of an Internet-scale distributed hypermedia application. The modern Web architecture emphasizes scalability of component interactions, generality of interfaces, independent deployment of components, and intermediary components to reduce interaction latency, enforce security, and encapsulate legacy systems. In this article we introduce the Representational State Transfer (REST) arc ...

**Keywords:** Network-based applications, REST, World Wide Web

### 3 [Rethinking the design of the Internet: the end-to-end arguments vs. the brave new world](#)



Marjory S. Blumenthal, David D. Clark

 August 2001 **ACM Transactions on Internet Technology (TOIT)**, Volume 1 Issue 1

Publisher: ACM Press

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index](#)



Full text available:  [pdf\(176.33 KB\)](#)[terms](#)

This article looks at the Internet and the changing set of requirements for the Internet as it becomes more commercial, more oriented toward the consumer, and used for a wider set of purposes. We discuss a set of principles that have guided the design of the Internet, called the end-to-end arguments, and we conclude that there is a risk that the range of new requirements now emerging could have the consequence of compromising the Internet's original design principles. Were ...

**Keywords:** ISP, Internet, end-to-end argument


#### 4 [Abstract state machines capture parallel algorithms](#)



Andreas Blass, Yuri Gurevich

October 2003 **ACM Transactions on Computational Logic (TOCL)**, Volume 4 Issue 4

Publisher: ACM Press

Full text available:  [pdf\(610.28 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We give an axiomatic description of parallel, synchronous algorithms. Our main result is that every such algorithm can be simulated, step for step, by an abstract state machine with a background that provides for multisets.

**Keywords:** ASM thesis, Parallel algorithm, abstract state machine, postulates for parallel computation

#### 5 [Fighting the spam wars: A remailer approach with restrictive aliasing](#)



Pawel Gburzynski, Jacek Maitan

February 2004 **ACM Transactions on Internet Technology (TOIT)**, Volume 4 Issue 1

Publisher: ACM Press

Full text available:  [pdf\(162.34 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We present an effective method of eliminating unsolicited electronic mail (so-called *spam*) and discuss its publicly accessible prototype implementation. A subscriber to our system is able to obtain an unlimited number of aliases of his/her permanent (protected) E-Mail address to be handed out to parties willing to communicate with the subscriber. It is also possible to set up publishable aliases, which can be used by human correspondents to contact the subscriber, while being useless to h ...

**Keywords:** Electronic mail, privacy, spam


#### 6 [The design, implementation and operation of an email pseudonym server](#)



David Mazières, M. Frans Kaashoek

November 1998 **Proceedings of the 5th ACM conference on Computer and communications security CCS '98**

Publisher: ACM Press

Full text available:  [pdf\(1.29 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

#### 7 [System support for pervasive applications](#)



Robert Grimm, Janet Davis, Eric Lemar, Adam Macbeth, Steven Swanson, Thomas Anderson, Brian Bershad, Gaetano Borriello, Steven Gribble, David Wetherall

November 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 4

**Publisher:** ACM PressFull text available:  [pdf\(1.82 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Pervasive computing provides an attractive vision for the future of computing. Computational power will be available everywhere. Mobile and stationary devices will dynamically connect and coordinate to seamlessly help people in accomplishing their tasks. For this vision to become a reality, developers must build applications that constantly adapt to a highly dynamic computing environment. To make the developers' task feasible, we present a system architecture for pervasive computing, called & ...

**Keywords:** Asynchronous events, checkpointing, discovery, logic/operation pattern, migration, one.world, pervasive computing, structured I/O, tuples, ubiquitous computing

## 8 [TeleNotes: managing lightweight interactions in the desktop](#)



Steve Whittaker, Jerry Swanson, Jakov Kucan, Candy Sidner


June 1997 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 4 Issue 2**Publisher:** ACM PressFull text available:  [pdf\(1.01 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Communication theories and technology have tended to focus on extended, formal meetings and have neglected a prevalent and vital form of workplace communication—namely, lightweight communication. Unlike formal, extended meetings, lightweight interaction is brief, informal, unplanned, and intermittent. We analyze naturalistic data from a study of work-place communication and derive five design criteria for lightweight interaction systems. These criteria require that systems for lightwe ...

**Keywords:** audio, awareness, computer-media spaces, conversation management, impromptu communication, informal communication, interpersonal communications, lightweight interaction, mediated communication, remote collaboration, task management, video

## 9 [A framework for delivering multicast message in networks with mobile hosts](#)

Arup Acharya, B. R. Badrinath


October 1996 **Mobile Networks and Applications**, Volume 1 Issue 2**Publisher:** Kluwer Academic PublishersFull text available:  [pdf\(438.33 KB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

To accommodate mobile hosts (MHs) within existing data networks, the static network is augmented with "mobile support stations" (MSSs) that communicate directly with MHs, usually via wireless links. Connectivity of the overall network changes dynamically as MHs connect to the static network from different "locations" (MSSs) at different times. Compared to their desktop counterparts, mobile hosts face a new set of constraints namely, low bandwidth of the wireless links ...

## 10 [Draft report of the Federal Internetworking Requirements Panel, and selected responses](#)



Diane Fountaine

April 1994 **ACM SIGCOMM Computer Communication Review**, Volume 24 Issue 2**Publisher:** ACM PressFull text available:  [pdf\(4.15 MB\)](#)Additional Information: [full citation](#), [index terms](#)

11 Unlinkable serial transactions: protocols and applications

Stuart G. Stubblebine, Paul F. Syverson, David M. Goldschlag

November 1999 **ACM Transactions on Information and System Security (TISSEC)**,

Volume 2 Issue 4

Publisher: ACM Press

Full text available: pdf(184.87 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

We present a protocol for unlinkable serial transactions suitable for a variety of network-based subscription services. It is the first protocol to use cryptographic blinding to enable subscription services. The protocol prevents the service from tracking the behavior of its customers, while protecting the service vendor from abuse due to simultaneous or cloned use by a single subscriber. Our basic protocol structure and recovery protocol are robust against failure in protocol termination. ...

**Keywords:** anonymity, blinding, cryptographic protocols, unlinkable serial transactions

12 The dynamics of viral marketing

Jure Leskovec, Lada A. Adamic, Bernardo A. Huberman

May 2007 **ACM Transactions on the Web (TWEB)**, Volume 1 Issue 1

Publisher: ACM Press

Full text available: pdf(732.90 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We present an analysis of a person-to-person recommendation network, consisting of 4 million people who made 16 million recommendations on half a million products. We observe the propagation of recommendations and the cascade sizes, which we explain by a simple stochastic model. We analyze how user behavior varies within user communities defined by a recommendation network. Product purchases follow a 'long tail' where a significant share of purchases belongs to rarely sold items. ...

**Keywords:** Viral marketing, e-commerce, long tail, network analysis, recommender systems, word-of-mouth

13 Nomadic radio: speech and audio interaction for contextual messaging in nomadic environments

Nitin Sawhney, Chris Schmandt

September 2000 **ACM Transactions on Computer-Human Interaction (TOCHI)**, Volume 7 Issue 3

Publisher: ACM Press

Full text available: pdf(648.76 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Mobile workers need seamless access to communication and information services while on the move. However, current solutions overwhelm users with intrusive interfaces and ambiguous notifications. This article discusses the interaction techniques developed for Nomadic Radio, a wearable computing platform for managing voice and text-based messages in a nomadic environment. Nomadic Radio employs an auditory user interface, which synchronizes speech recognition, speech synthesis, nonspeech audio ...

**Keywords:** adaptive interfaces, contextual interfaces, interruptions, nonspeech audio, notifications, passive awareness, spatial listening, speech interaction, wearable computing

14 Johnny 2: a user test of key continuity management with S/MIME and OutlookExpress

Simson L. Garfinkel, Robert C. Miller

July 2005 **Proceedings of the 2005 symposium on Usable privacy and security SOUPS '05**

Publisher: ACM Press

Full text available: pdf(665.63 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Secure email has struggled with significant obstacles to adoption, among them the low usability of encryption software and the cost and overhead of obtaining public key certificates. Key continuity management (KCM) has been proposed as a way to lower these barriers to adoption, by making key generation, key management, and message signing essentially automatic. We present the first user study of KCM-secured email, conducted on naïve users who had no previous experience with secure email. Our ...

**Keywords:** Usability, e-commerce, user interaction design, user studies

15 Manageability, availability, and performance in porcupine: a highly scalable, cluster-based mail service

Yasushi Saito, Brian N. Bershad, Henry M. Levy

August 2000 **ACM Transactions on Computer Systems (TOCS)**, Volume 18 Issue 3

Publisher: ACM Press

Full text available: pdf(2.52 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes the motivation, design and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine to be easy to manage by emphasizing dynamic load balancing, automatic configuration, and graceful degradation in the presence of failures. Key to the system's manageability, availability, and performance is that sessions, data, and underlying ...

**Keywords:** cluster, distributed systems, email, group membership protocol, load balancing, replication

16 Applications and architecture: SHOCK: communicating with computational messages and automatic private profiles

Rajan M. Lukose, Eytan Adar, Joshua R. Tyler, Caesar Sengupta

May 2003 **Proceedings of the 12th international conference on World Wide Web WWW '03**

Publisher: ACM Press

Full text available: pdf(693.99 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

A computationally enhanced message contains some embedded programmatic components that are interpreted and executed automatically upon receipt. Unlike ordinary text email or instant messages, they make possible a number of useful applications. In this paper, we describe a general and flexible messaging system called SHOCK that extends the functionality of prior computational email systems by allowing XML-encoded SHOCK messages to interact with an automatically created profile of a user. These pr ...

**Keywords:** collaborative systems, networking and distributed web applications, privacy and preferences



17 Design and evaluation of a wide-area event notification service

Antonio Carzaniga, David S. Rosenblum, Alexander L. Wolf

August 2001 **ACM Transactions on Computer Systems (TOCS)**, Volume 19 Issue 3

Publisher: ACM Press

Full text available: pdf(1.08 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The components of a loosely coupled system are typically designed to operate by generating and responding to asynchronous events. An event notification service is an application-independent infrastructure that supports the construction of event-based systems, whereby generators of events publish event notifications to the infrastructure and consumers of events subscribe with the infrastructure to receive relevant notifications. The two primary services that should be provided ...

**Keywords:** content-based addressing and routing, event notification, publish/subscribe

18 Astrolabe: A robust and scalable technology for distributed system monitoring, management, and data mining

Robbert Van Renesse, Kenneth P. Birman, Werner Vogels

May 2003 **ACM Transactions on Computer Systems (TOCS)**, Volume 21 Issue 2

Publisher: ACM Press

Full text available: pdf(341.62 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Scalable management and self-organizational capabilities are emerging as central requirements for a generation of large-scale, highly dynamic, distributed applications. We have developed an entirely new distributed information management system called Astrolabe. Astrolabe collects large-scale system state, permitting rapid updates and providing on-the-fly attribute aggregation. This latter capability permits an application to locate a resource, and also offers a scalable way to track sys ...

**Keywords:** Aggregation, epidemic protocols, failure detection, gossip, membership, publish-subscribe, scalability

19 PP-trust-X: A system for privacy preserving trust negotiations

A. Squicciarini, E. Bertino, Elena Ferrari, F. Paci, B. Thuraisingham

July 2007 **ACM Transactions on Information and System Security (TISSEC)**, Volume 10 Issue 3

Publisher: ACM Press

Full text available: pdf(1.05 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Trust negotiation is a promising approach for establishing trust in open systems, in which sensitive interactions may often occur between entities with no prior knowledge of each other. Although, to date several trust negotiation systems have been proposed, none of them fully address the problem of privacy preservation. Today, privacy is one of the major concerns of users when exchanging information through the Web and thus we believe that trust negotiation systems must effectively address pr ...

**Keywords:** Access control, attribute-based access control, automated trust negotiation, credentials, privacy, strategy


20 Understanding the network-level behavior of spammers

Anirudh Ramachandran, Nick Feamster

August 2006 **ACM SIGCOMM Computer Communication Review , Proceedings of the**

**2006 conference on Applications, technologies, architectures, and  
protocols for computer communications SIGCOMM '06**, Volume 36 Issue 4

Publisher: ACM Press

Full text available:  pdf(410.60 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

This paper studies the *network-level* behavior of spammers, including: IP address ranges that send the most spam, common spamming modes (e.g., BGP route hijacking, bots), how persistent across time each spamming host is, and characteristics of spamming botnets. We try to answer these questions by analyzing a 17-month trace of over 10 million spam messages collected at an Internet "spam sinkhole", and by correlating this data with the results of IP-based blacklist lookups, passive TCP finge ...

**Keywords:** BGP, botnet, network management, security, spam

Results 1 - 20 of 54

Result page: [1](#) [2](#) [3](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.  
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide


**THE ACM DIGITAL LIBRARY**
[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used:

[email](#) [completed](#) [track](#) [response](#) [intend](#) [recipient](#) [unique](#) [identification](#) [number](#) [sender](#) [designated](#)

 Found  
54 of  
213,681

 Sort results  
by

[Save results to a Binder](#)
[Try an Advanced Search](#)

 Display  
results

[Search Tips](#)
[Try this search in The ACM Guide](#)
☐ Open results in a new window

Results 21 - 40 of 54

 Result page: [previous](#) [1](#) [2](#) [3](#) [next](#)

 Relevance scale ☐ ☐ ☐ ☐ ☐

## 21 [Birrell's distributed reference listing revisited](#)



Luc Moreau, Peter Dickman, Richard Jones

 November 2005 **ACM Transactions on Programming Languages and Systems (TOPLAS)**, Volume 27 Issue 6

Publisher: ACM Press

 Full text available: [pdf\(1.03 MB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The Java RMI collector is arguably the most widely used distributed garbage collector. Its distributed reference listing algorithm was introduced by Birrell et al. in the context of Network Objects, where the description was informal and heavily biased toward implementation. In this article, we formalize this algorithm in an implementation-independent manner, which allows us to clarify weaknesses of the initial presentation. In particular, we discover cases critical to the correctness of the alg ...

**Keywords:** Distributed garbage collection, distributed reference counting/listing, proof of correctness

## 22 [Chat I: Exms: an animated and avatar-based messaging system for expressive peer communication](#)



Per Persson

 November 2003 **Proceedings of the 2003 international ACM SIGGROUP conference on Supporting group work GROUP '03**

Publisher: ACM Press

 Full text available: [pdf\(418.89 KB\)](#)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

While many *synchronous* computer-mediated communication systems have failed to encourage users to make use of the expressive capabilities of their avatars, *asynchronous* systems may hold better chance. This paper reports on the design and user study of a message system that allows users to concatenate and annotate avatar animations and send them to peers. During three weeks, a group of 11 17-year-olds exchanged 222 animated messages in their everyday life environment. The interplay b ...

**Keywords:** animation, avatars, computer-mediated communication, expressiveness, multi-media authoring tools



23 Verifiable encryption of digital signatures and applications

Giuseppe Ateniese

February 2004 **ACM Transactions on Information and System Security (TISSEC)**, Volume 7 Issue 1

Publisher: ACM Press

Full text available: pdf(258.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a new simple schemes for verifiable encryption of digital signatures. We make use of a trusted third party (TTP) but in an *optimistic* sense, that is, the TTP takes part in the protocol only if one user cheats or simply crashes. Our schemes can be used as primitives to build efficient fair exchange and certified e-mail protocols.

**Keywords:** Certified e-mail, contract signing, digital signatures, fair exchange, proof of knowledge, public-key cryptography

24 Improving reliable transport and handoff performance in cellular wireless networks

Hari Balakrishnan, Srinivasan Seshan, Randy H. Katz

December 1995 **Wireless Networks**, Volume 1 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: pdf(1.12 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#)

TCP is a reliable transport protocol tuned to perform well in traditional networks where congestion is the primary cause of packet loss. However, networks with wireless links and mobile hosts incur significant losses due to bit-errors and hand-offs. This environment violates many of the assumptions made by TCP, causing degraded end-to-end performance. In this paper, we describe the additions and modifications to the standard Internet protocol stack (TCP/IP) to improve end-to-end reliable tr ...

25 Experiences with network-based user agents for mobile applications

Thomas F. La Porta, Thomas Woo, Krishan K. Sabnani, Ramachandran Ramjee

August 1998 **Mobile Networks and Applications**, Volume 3 Issue 2

Publisher: Kluwer Academic Publishers

Full text available: pdf(631.57 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Wireless networks are characterized by simple end devices and limited bandwidth. One solution to address these and other limitations of the wireless mobile environment that has been widely pursued is the placement of proxies, or agents, inside the network to assist with application processing that would normally take place on end devices. These agents can additionally manipulate data to reduce bandwidth requirements and assist in providing services. The design and implementation of a user a ...

26 Stateful distributed interposition

John Reumann, Kang G. Shin

February 2004 **ACM Transactions on Computer Systems (TOCS)**, Volume 22 Issue 1

Publisher: ACM Press

Full text available: pdf(833.84 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Interposition-based system enhancements for multitiered servers are difficult to build because important system context is typically lost at application and machine boundaries. For example, resource quotas and user identities do not propagate easily between cooperating services that execute on different hosts or that communicate with each other via intermediary services. Application-transparent system enhancement is difficult to achieve when such context information is obscured by complex servic ...

**Keywords:** Distributed computing, component services, distributed context, multitiered

services, operating systems, server consolidation

## 27 A framework for event-based software integration



Daniel J. Barrett, Lori A. Clarke, Peri L. Tarr, Alexander E. Wise

October 1996 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,

Volume 5 Issue 4

**Publisher:** ACM Press

Full text available: pdf(413.46 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

Although event-based software integration is one of the most prevalent approaches to loose integration, no consistent model for describing it exists. As a result, there is no uniform way to discuss event-based integration, compare approaches and implementations, specify new event-based approaches, or match user requirements with the capabilities of event-based integration systems. We attempt to address these shortcomings by specifying a generic framework for event-based integration< ...

**Keywords:** CORBA, FIELD, Polylith, control integration, event-based systems, interoperability, reference model, software integration

## 28 On secure and pseudonymous client-relationships with multiple servers



Eran Gabber, Phillip B. Gibbons, David M. Kristol, Yossi Matias, Alain Mayer

November 1999 **ACM Transactions on Information and System Security (TISSEC)**,

Volume 2 Issue 4

**Publisher:** ACM Press

Full text available: pdf(161.56 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper introduces a cryptographic engine, Janus, which assists clients in establishing and maintaining secure and pseudonymous relationships with multiple servers. The setting is such that clients reside on a particular subnet (e.g., corporate intranet, ISP) and the servers reside anywhere on the Internet. The Janus engine allows each client-server relationship to use either weak or strong authentication on each interaction. At the same time, each interaction preserves privacy by neither ...

**Keywords:** Janus function, anonymity, mailbox, persistent relationship, privacy, pseudonym

## 29 EventRank: a framework for ranking time-varying networks



Joshua O'Madadhain, Padhraic Smyth

August 2005 **Proceedings of the 3rd international workshop on Link discovery**

**LinkKDD '05**

**Publisher:** ACM Press

Full text available: pdf(293.53 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Node-ranking algorithms for (social) networks do not respect the sequence of events from which the network is constructed, but rather measure rank on the aggregation of all data. For data sets that relate to the flow of information (e.g., email), this loss of information can obscure the true relative importances of individuals in the network. We present EventRank, a framework for ranking algorithms that respect event sequences and provide a natural way of tracking changes in ranking over time. W ...

**Keywords:** network ranking algorithms, network temporal evolution, social network analysis

30 Risks to the public: Risks to the public

Peter G. Neumann

July 2005 **ACM SIGSOFT Software Engineering Notes**, Volume 30 Issue 4

Publisher: ACM Press

Full text available: pdf(151.77 KB) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Edited by Peter G. Neumann (Risks Forum Moderator and Chairman of the ACM Committee on Computers and Public Policy), plus personal contributions by others, as indicated. Opinions expressed are individual rather than organizational, and all of the usual disclaimers apply. We address problems relating to software, hardware, people, and other circumstances relating to computer systems. To economize on space, we include pointers to items in the online Risks Forum: (R i j) denotes RISKS vol i number ...

31 ECSGlasses and EyePliances: using attention to open sociable windows of interaction

Jeffrey S. Shell, Roel Vertegaal, Daniel Cheng, Alexander W. Skaburskis, Changuk Sohn, A. James Stewart, Omar Aoudeh, Connor Dickie

March 2004 **Proceedings of the 2004 symposium on Eye tracking research & applications ETRA '04**

Publisher: ACM Press

Full text available: pdf(14.56 MB) Additional Information: [full citation](#), [appendices and supplements](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

We present ECSGlasses: wearable eye contact sensing glasses that detect human eye contact. ECSGlasses report eye contact to digital devices, appliances and EyePliances in the user's *attention space*. Devices use this attentional cue to engage in a more sociable process of turn taking with users. This has the potential to reduce inappropriate intrusions, and limit their disruptiveness. We describe new prototype systems, including the Attentive Messaging Service (AMS), the Attentive Hit Coun ...

**Keywords:** attentive user interfaces, context-aware computing, eye contact sensing, eye tracking, ubiquitous computing

32 Labels and event processes in the asbestos operating system

Petros Efstathopoulos, Maxwell Krohn, Steve VanDeBogart, Cliff Frey, David Ziegler, Eddie Kohler, David Mazières, Frans Kaashoek, Robert Morris

October 2005 **ACM SIGOPS Operating Systems Review , Proceedings of the twentieth ACM symposium on Operating systems principles SOSP '05**, Volume 39 Issue 5


Publisher: ACM Press


Full text available: pdf(258.58 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Asbestos, a new prototype operating system, provides novel labeling and isolation mechanisms that help contain the effects of exploitable software flaws. Applications can express a wide range of policies with Asbestos's kernel-enforced label mechanism, including controls on inter-process communication and system-wide information flow. A new event process abstraction provides lightweight, isolated contexts within a single process, allowing the same process to act on behalf of multiple users while ...

**Keywords:** event processes, information flow, labels, mandatory access control, secure web servers

33 CAIS: collaborative asynchronous inspection of software

-  Vahid Mashayekhi, Chris Feulner, John Riedl  
December 1994 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 2nd ACM SIGSOFT symposium on Foundations of software engineering SIGSOFT '94**, Volume 19 Issue 5  
Publisher: ACM Press

Full text available:  [pdf\(1.55 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Many software engineering tasks have a synchronous component that requires the participants to assemble together at the same time and place. This approach is expensive in terms of traveling, scheduling and human resources. Existing computer tools mitigate these constraints by adding structure to the meeting, providing on-line document support, and distributing the participants over geographic boundaries. The constraint remains, however, that all participants participate at the same time. We propose ...

**Keywords:** asynchrony, collaboration, computer-supported cooperative work, concurrent software engineering, notification, software inspection

### 34 Security & privacy: SmokeScreen: flexible privacy controls for presence-sharing

-  Landon P. Cox, Angela Dalton, Varun Marupadi  
June 2007 **Proceedings of the 5th international conference on Mobile systems, applications and services MobiSys '07**  
Publisher: ACM Press


Full text available:  [pdf\(321.42 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Presence-sharing is an emerging platform for mobile applications, but presence-privacy remains a challenge. Privacy controls must be flexible enough to allow sharing between both trusted social relations and untrusted strangers. In this paper, we present a system called SmokeScreen that provides flexible and power-efficient mechanisms for privacy management.

Broadcasting *clique signals*, which can only be interpreted by other trusted users, enables sharing between social relations ...

**Keywords:** location privacy, mobile computing, pervasive computing, presence-sharing, social networks

### 35 Manageability, availability and performance in Porcupine: a highly scalable, cluster-based mail service

-  Yasushi Saito, Brian N. Bershad, Henry M. Levy  
December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles SOSP '99**, Volume 33 Issue 5  
Publisher: ACM Press

Full text available:  [pdf\(1.62 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes the motivation, design, and performance of Porcupine, a scalable mail server. The goal of Porcupine is to provide a highly available and scalable electronic mail service using a large cluster of commodity PCs. We designed Porcupine to be easy to manage by emphasizing dynamic load balancing, automatic configuration, and graceful degradation in the presence of failures. Key to the system's manageability, availability, and performance is that sessions, data, and underlying services ...

### 36 Distributed systems: PeerReview: practical accountability for distributed systems



 Andreas Haeberlen, Petr Kouznetsov, Peter Druschel  
 October 2007 **Proceedings of twenty-first ACM SIGOPS symposium on Operating systems principles SOSP '07**

**Publisher:** ACM Press

Full text available:  pdf(363.72 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe PeerReview, a system that provides accountability in distributed systems. PeerReview ensures that Byzantine faults whose effects are observed by a correct node are eventually detected and irrefutably linked to a faulty node. At the same time, PeerReview ensures that a correct node can always defend itself against false accusations. These guarantees are particularly important for systems that span multiple administrative domains, which may not trust each other. PeerReview works by m ...

**Keywords:** accountability, byzantine faults, distributed systems, fault detection

### 37 Law-governed interaction: a coordination and control mechanism for heterogeneous distributed systems

Naftaly H. Minsky, Victoria Ungureanu

July 2000 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,  
 Volume 9 Issue 3

**Publisher:** ACM Press

Full text available:  pdf(792.05 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Software technology is undergoing a transition from monolithic systems, constructed according to a single overall design, into conglomerates of semiautonomous, heterogeneous, and independently designed subsystems, constructed and managed by different organizations, with little, if any, knowledge of each other. Among the problems inherent in such conglomerates, none is more serious than the difficulty to control the activities of the disparate agents operating in it, and the ...

**Keywords:** coordination of heterogeneous agents, policy enforcement, scalability

### 38 Dynamic data fusion for future sensor networks

Umakishore Ramachandran, Rajnish Kumar, Matthew Wolenetz, Brian Cooper, Bikash Agarwalla, Junsuk Shin, Phillip Hutto, Arnab Paul

August 2006 **ACM Transactions on Sensor Networks (TOSN)**, Volume 2 Issue 3

**Publisher:** ACM Press

Full text available:  pdf(2.44 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

DFuse is an architectural framework for dynamic application-specified data fusion in sensor networks. It bridges an important abstraction gap for developing advanced fusion applications that takes into account the dynamic nature of applications and sensor networks. Elements of the DFuse architecture include a fusion API, a distributed role assignment algorithm that dynamically adapts the placement of the application task graph on the network, and an abstraction migration facility that aids such ...

**Keywords:** Sensor network, data fusion, energy awareness, in-network aggregation, middleware, platform, role assignment

### 39 Harnessing technology for effective inter- and intra-institutional collaboration: report of the ITiCSE '97 working group on supporting inter- and intra-institutional collaboration

Douglas Siviter, Marian Petre, Bruce Klein

October 1997 **ACM SIGCUE Outlook**, Volume 25 Issue 4

**Publisher:** ACM Press

Full text available:  pdf(2.66 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The computer science discipline is well poised to provide leading examples of harnessing communications and computer technologies in order to encourage collaborative practices both within and between institutions. Students, academics, and institutions all potentially have access to their counterparts world-wide. This provides endless opportunities for sharing knowledge, accessing scarce expertise, making effective re-use of limited resources, collaborating to attract funding and influence polici ...

40 [The conference control channel protocol \(CCCP\): a scalable base for building conference control applications](#)



Mark Handley, Ian Wakeman, Jon Crowcroft

October 1995 **ACM SIGCOMM Computer Communication Review , Proceedings of the conference on Applications, technologies, architectures, and protocols for computer communication SIGCOMM '95**, Volume 25 Issue 4

**Publisher:** ACM Press

Full text available:  pdf(1.18 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper presents the Conference Control Channel Protocol (CCCP), a new scheme intended for controlling conferences ranging from small, tightly coupled meetings, to extremely large loosely coupled seminars. We describe the requirements of such a scheme, and present a framework for building systems that connect together new and existing applications.

Results 21 - 40 of 54

Result page: [previous](#) [1](#) [2](#) [3](#) [next](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



USPTO

[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

 Search: ☒ The ACM Digital Library ☐ The Guide



THE ACM DIGITAL LIBRARY

[Feedback](#) [Report a problem](#) [Satisfaction survey](#)

Terms used:

[email](#) [completed](#) [track](#) [response](#) [intend](#) [recipient](#) [unique](#) [identification](#) [number](#) [sender](#) [designated](#)

 Found  
54 of  
213,681
Sort results  
by

relevance

Display  
results

expanded form

[Save results to a Binder](#)
[Search Tips](#)
☐ Open results in a new window
Try an [Advanced Search](#)Try this search in [The ACM Guide](#)

Results 41 - 54 of 54

Result page: [previous](#) [1](#) [2](#) [3](#)Relevance scale ☐ ☐ ☐ ☐ ☐41 [Stanford WebBase components and applications](#)

Junghoo Cho, Hector Garcia-Molina, Taher Haveliwala, Wang Lam, Andreas Paepcke, Sriram Raghavan, Gary Wesley

May 2006 **ACM Transactions on Internet Technology (TOIT)**, Volume 6 Issue 2

Publisher: ACM Press

Full text available: [pdf\(609.18 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We describe the design and performance of WebBase, a tool for Web research. The system includes a highly customizable crawler, a repository for collected Web pages, an indexer for both text and link-related page features, and a high-speed content distribution facility. The distribution module enables researchers world-wide to retrieve pages from WebBase, and stream them across the Internet at high speed. The advantage for the researchers is that they need not all crawl the Web before beginning t ...

**Keywords:** WebBase Web crawler, distribution, hyperlink indexing, site crawling42 [Harnessing technology for effective inter- and intra-institutional collaboration \(report of the ITiCSE '97 working group on supporting inter- and intra institutional collaboration\)](#)

Douglas Siviter, Marian Petre, Bruce Klein

June 1997 **The supplemental proceedings of the conference on Integrating technology into computer science education: working group reports and supplemental proceedings ITiCSE-WGR '97**

Publisher: ACM Press

Full text available: [pdf\(145.01 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)43 [AIDA: Adaptive application-independent data aggregation in wireless sensor networks](#)

Tian He, Brian M. Blum, John A. Stankovic, Tarek Abdelzaher

May 2004 **ACM Transactions on Embedded Computing Systems (TECS)**, Volume 3 Issue 2

Publisher: ACM Press

Full text available: [pdf\(1.02 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Sensor networks, a novel paradigm in distributed wireless communication technology, have been proposed for various applications including military surveillance and environmental monitoring. These systems deploy heterogeneous collections of sensors capable of observing and reporting on various dynamic properties of their surroundings in a time sensitive manner. Such systems suffer bandwidth, energy, and throughput constraints that limit the quantity of information transferred from end-to-end. The ...

**Keywords:** Data aggregation, adaptive algorithms, congestion control, energy conservation, feedback control, sensor networks

#### 44 Verifying security protocols with Brutus



E. M. Clarke, S. Jha, W. Marrero

October 2000 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,  
Volume 9 Issue 4

**Publisher:** ACM Press

Full text available: pdf(347.12 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Due to the rapid growth of the "Internet" and the "World Wide Web" security has become a very important concern in the design and implementation of software systems. Since security has become an important issue, the number of protocols in this domain has become very large. These protocols are very diverse in nature. If a software architect wants to deploy some of these protocols in a system, they have to be sure that the protocol has the right properties as dictated ...

**Keywords:** authentication and secure payment protocols, formal methods, model-checking

#### 45 Robust content creation with form-oriented user interfaces



Dirk Draheim, Christof Lutteroth, Gerald Weber

July 2005 **Proceedings of the 6th ACM SIGCHI New Zealand chapter's international conference on Computer-human interaction: making CHI natural CHINZ '05**

**Publisher:** ACM Press

Full text available: pdf(406.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In this paper we describe how content can be created in a way that ensures its integrity at all times, and how the user interface for such a content editing program can be modeled using the methodology of form-oriented analysis. The paper discusses aspects concerning the data that is being created, as well as aspects of the content editor itself. We show that technological features like typing, opaque identities and user transactions can facilitate the process of content creation as experienced ...

**Keywords:** configuration, content creation, form-oriented user interfaces, robustness, usability, user interface design

#### 46 FAR: Face-aware routing for multicast in large-scale sensor networks



Qingfeng Huang, Sangeeta Bhattacharya, Chenyang Lu, Gruia-Catalin Roman

November 2005 **ACM Transactions on Sensor Networks (TOSN)**, Volume 1 Issue 2

**Publisher:** ACM Press

Full text available: pdf(1.89 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This article presents FAR, a Face-Aware Routing protocol for multicast---a spatiotemporal variant of multicast tailored for sensor networks with environmental mobility. FAR features

face-routing and timed-forwarding for delivering a message to a mobile delivery zone. Both analytical and statistical results show that FAR achieves reliable spatial and just-in-time message delivery with only moderate communication and memory overhead. This article also presents a novel distributed algorithm for spat ...

**Keywords:** System design, graph theory, sensor networks, simulations, spatiotemporal multicast, statistics, wireless ad hoc networks

#### 47 Nomadic radio: scaleable and contextual notification for wearable audio messaging



Nitin Sawhney, Chris Schmandt

May 1999 **Proceedings of the SIGCHI conference on Human factors in computing systems: the CHI is the limit CHI '99**

**Publisher:** ACM Press

Full text available: pdf(1.62 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Mobile workers need seamless access to communication and information services on portable devices. However current solutions overwhelm users with intrusive and ambiguous notifications. In this paper, we describe scaleable auditory techniques and a contextual notification model for providing timely information, while minimizing interruptions. Users actions influence local adaptation in the model. These techniques are demonstrated in Nomadic Radio, an audio-only wearable computing platf ...

**Keywords:** adaptive interfaces, auditory I/O, interruptions, notifications, passive awareness, wearable computing

#### 48 The Totem multiple-ring ordering and topology maintenance protocol



D. A. Agarwal, L. E. Moser, P. M. Melliar-Smith, R. K. Budhia

May 1998 **ACM Transactions on Computer Systems (TOCS)**, Volume 16 Issue 2

**Publisher:** ACM Press

Full text available: pdf(367.16 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The Totem multiple-ring protocol provides reliable totally ordered delivery of messages across multiple local-area networks interconnected by gateways. This consistent message order is maintained in the presence of network partitioning and remerging, and of processor failure and recovery. The protocol provides accurate topology change information as part of the global total order of messages. It addresses the issue of scalability and achieves a latency that increases logarithmically with ...

**Keywords:** Lamport timestamp, network partitioning, reliable delivery, topology maintenance, total ordering, virtual synchrony

#### 49 Discovering personally meaningful places: An interactive clustering approach



Changqing Zhou, Dan Frankowski, Pamela Ludford, Shashi Shekhar, Loren Terveen

July 2007 **ACM Transactions on Information Systems (TOIS)**, Volume 25 Issue 3

**Publisher:** ACM Press

Full text available: pdf(817.87 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

The discovery of a person's meaningful places involves obtaining the physical locations and their labels for a person's places that matter to his daily life and routines. This problem is driven by the requirements from emerging location-aware applications, which allow a user to pose queries and obtain information in reference to places, for example, "home", "work" or "Northwest Health Club". It is a challenge to map from physical

locations to personally mea ...

**Keywords:** Ubiquitous computing, clustering algorithms, field studies, location-aware applications, place discovery

## 50 Security, privacy, and anonymity



Thomas Wright

December 2004 **Crossroads**, Volume 11 Issue 2

**Publisher:** ACM Press

Full text available: [html\(48.04 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

## 51 Migrating sockets—end system support for networking with quality of service guarantees

David K. Y. Yau, Simon S. Lam

December 1998 **IEEE/ACM Transactions on Networking (TON)**, Volume 6 Issue 6

**Publisher:** IEEE Press

Full text available: [pdf\(369.10 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** CPU scheduling, bandwidth scheduling, packet demultiplexing, quality of service guarantees, user level protocol

## 52 Web meets operating systems: Protection and communication abstractions for web browsers in MashupOS



Helen J. Wang, Xiaofeng Fan, Jon Howell, Collin Jackson

October 2007 **Proceedings of twenty-first ACM SIGOPS symposium on Operating systems principles SOSP '07**

**Publisher:** ACM Press

Full text available: [pdf\(328.60 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Web browsers have evolved from a single-principal platform on which one site is browsed at a time into a multi-principal platform on which data and code from mutually distrusting sites interact programmatically in a single page at the browser. Today's "Web 2.0" applications (or *mashups*) offer rich services, rivaling those of desktop PCs. However, the protection and communication abstractions offered by today's browsers remain suitable only for a single-principal system--either *no trust* ...

**Keywords:** *abstractions, browser, communications, multi-principal OS, protection, same-origin policy, security, web*

## 53 The ears and eyes have it: supporting audio & video: A comparison of chat and audio in media rich environments



Jeremiah Scholl, John McCarthy, Rikard Harr

November 2006 **Proceedings of the 2006 20th anniversary conference on Computer supported cooperative work CSCW '06**

**Publisher:** ACM Press

Full text available: [pdf\(394.42 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents two case studies of informal group communication using multimedia conferencing that supports various media including video, audio and chat. The studies

provide a comparison of audio and chat as communication medium and present data on usage patterns, user preferences and attitudes. The quantitative and qualitative data collected suggest that chat does have advantages in some situations when used for informal communication along with video. The results provide evidence against ...

**Keywords:** chat, collaboration, video conferencing

54 Quantum "encryption" (student paper panel)



Mark V. Hurwitz

April 2000 **Proceedings of the tenth conference on Computers, freedom and privacy:  
challenging the assumptions CFP '00**

**Publisher:** ACM Press

Full text available:  [pdf\(107.79 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

Results 41 - 54 of 54

Result page: [previous](#) [1](#) [2](#) **3**

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2007 ACM, Inc.  
[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

[Google](#)

email completed track response unique identif

[Search](#)

[Advanced Search](#)  
[Preferences](#)

**Web Results 1 - 10** of about **113,000** for **email completed track response unique identification intend recipient sender d**

### **AUTONOMIC E-MAIL PROCESSING SYSTEM AND METHOD - Patent 20050027803**

The key data includes the **unique ID** numbers and status of the autonomic ... Note that a **sender** or **recipient** may consider an autonomic e-mail message to be ...  
[www.freepatentsonline.com/20050027803.html](http://www.freepatentsonline.com/20050027803.html) - 133k - [Cached](#) - [Similar pages](#)

### **Automatic e-mail address directory and sorting system - Patent ...**

The method of claim 6, wherein the domain name of the **sender's e-mail** ..... a commercial suffix directory) is preferably given an **unique ID** and will be ...  
[www.freepatentsonline.com/20050015451.html](http://www.freepatentsonline.com/20050015451.html) - 137k - [Cached](#) - [Similar pages](#)  
[ [More results from www.freepatentsonline.com](#) ]

### **[PDF] Blueprint for Establishing High Volume Email Sender Accountability**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

blocking legitimate **senders** and IPs is collateral damage, or put more plainly, wanted email does not get delivered to the **intended recipient**. ...  
[www.espcalition.org/Project\\_Lumos\\_White\\_Paper.pdf](http://www.espcalition.org/Project_Lumos_White_Paper.pdf) - [Similar pages](#)

### **[PDF] TALL AT ION GUIDE**

File Format: PDF/Adobe Acrobat

your **designated email** and to the Brigadoon Archives. ... **Unique ID**: If you purchase a CD or download, you will get a **Unique ID**. Insert that **Unique ID** code ...  
[www.pcphonehome.com/Install\\_FAQ\\_PCPH\\_3.pdf](http://www.pcphonehome.com/Install_FAQ_PCPH_3.pdf) - [Similar pages](#)

### **System and method of exchanging identification information for ...**

The **response** may be in the form of a reply email message or in some other .... so that only the **intended recipient** mobile station can decrypt the message. ...  
[www.patentstorm.us/patents/7103333-description.html](http://www.patentstorm.us/patents/7103333-description.html) - 64k - [Cached](#) - [Similar pages](#)

### **E-mail messaging system - US Patent 6708205**

As described above, the access status of a **sender** can be **designated** on a ..... a commercial suffix directory) is preferably given an **unique ID** and will be ...  
[www.patentstorm.us/patents/6708205-description.html](http://www.patentstorm.us/patents/6708205-description.html) - 115k - [Cached](#) - [Similar pages](#)  
[ [More results from www.patentstorm.us](#) ]

### **[PDF] Minimizing Business Disruption: Effective Emergency Communications**

File Format: PDF/Adobe Acrobat - [View as HTML](#)

**recipient response** as well. In many emergency situations, organizations need to account for .... At any time, a **sender** can select a **unique** set of recip- ...  
[www.idsemergencymanagement.com/Common/Paper/Paper\\_143/Minimizing%20Business%20Disruption.pdf](http://www.idsemergencymanagement.com/Common/Paper/Paper_143/Minimizing%20Business%20Disruption.pdf) - [Similar pages](#)

### **Target Marketing : Glossary**

Decoy: A **unique** name inserted into a mailing list to **track** the usage of the ..... Opt-in: A direct, pro-active request by an individual **e-mail recipient** to ...  
[www.targetmarketingmag.com/glossary/](http://www.targetmarketingmag.com/glossary/) - 60k - [Cached](#) - [Similar pages](#)

### **Managing E-mail Effectively**

Once you have sent an e-mail message to someone, that **recipient** can easily ..... except the **sender** and the **intended recipient** can read a particular e-mail. ...

www.archives.nysed.gov/a/records/mr\_pub62\_accessible.html - 140k -  
[Cached](#) - [Similar pages](#)

[PDF] [POSTX PRODUCT SUMMARY & CORPORATE OVERVIEW](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

where PostX can harvest the **intended recipient's** OpenPGP or S/MIME certificates. ....  
administrator) any or all of the **email response** functions shown; ...

www.ironport.com/pdf/ironport\_encryption\_product\_summary\_corp\_overview.pdf -  
[Similar pages](#)

1 [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)     **[Next](#)**

Download [Google Pack](#): free essential software for your PC

---

email completed track response unique identification

Search

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

[Google](#)

email completed "track response" unique ident

Search

[Advanced Search](#)  
[Preferences](#)

Web Results 1 - 9 of 9 for email completed "track response" unique identification intend recipient sender designated a

Tip: Try removing quotes from your search to get more results.

### E-mail communications system, method and program - Patent 20020169835

6 shows e-mail communications 202 having an e-mail recipient or addressee field ... id and communication id. This "referral code" is unique to each e-mail. ...  
[www.freepatentsonline.com/20020169835.html](http://www.freepatentsonline.com/20020169835.html) - 151k - [Cached](#) - [Similar pages](#)

### EP1134644 Ibm european software patent - Method and system for ...

[0061] An SID is a unique identification which identifies a system that .... is set up for automatic execution, and the request is completed without error, ...  
[gauss.ffii.org/PatentView/EP1134644](http://gauss.ffii.org/PatentView/EP1134644) - 91k - [Cached](#) - [Similar pages](#)

### [PDF] Siebel Marketing Installation and Administration Guide

File Format: PDF/Adobe Acrobat

Global Unique ID for the Cache entry. This ID is written to the Cache header ..... Another piece of this communication is the passing of the sender's email ...

[download.oracle.com/docs/cd/E05553\\_01/books/PDF/MKTG\\_InstallAdmin.pdf](http://download.oracle.com/docs/cd/E05553_01/books/PDF/MKTG_InstallAdmin.pdf) -

[Similar pages](#)

### [PDF] Siebel Marketing User Guide

File Format: PDF/Adobe Acrobat

Captured when the recipient clicks the embedded link for the Web. survey in an email or Web offer. ■. Completed Web Survey. Captured when the recipient ...

[download.oracle.com/docs/cd/E05553\\_01/books/PDF/MKTG\\_User.pdf](http://download.oracle.com/docs/cd/E05553_01/books/PDF/MKTG_User.pdf) - [Similar pages](#)

[ [More results from download.oracle.com](#) ]

### [PDF] SunJavaSystemApplication ServerPlatformEdition9 AdministrationGuide

File Format: PDF/Adobe Acrobat

intended to be unique across the Internet. For more information on key stores ..... identity of the message sender. The recipient of a message containing a ...

[dlc.sun.com/pdf/819-3658/819-3658.pdf](http://dlc.sun.com/pdf/819-3658/819-3658.pdf) - [Similar pages](#)

### PHP-Nuke: Management and Programming Chris Karakas www.karakas ...

Obviously a problem then exists in that phpBB's ability to tie a users session to a unique id and an IP fails ... because the IP is constantly changing. ...

[www.karakas-online.de/EN-Book/EN-Book.txt](http://www.karakas-online.de/EN-Book/EN-Book.txt) - 977k - [Cached](#) - [Similar pages](#)

### Infusion Software

3) Choose the campaign you wish to track and click on the Track Response button .....

Only the email recipient can let you know for sure whether they want ...

[help.infusionsoft.com/print.asp?id=0&Lang=1&SID=](http://help.infusionsoft.com/print.asp?id=0&Lang=1&SID=) - [Similar pages](#)

### Bob Jensen's Additions to Bookmarks for Quarter 4 of 2005

All you have to do is provide the recipient's email address and the file on your ... Neither the sender nor the recipient need install any software and the ...

[www.trinity.edu/rjensen/book05q4.htm](http://www.trinity.edu/rjensen/book05q4.htm) - [Similar pages](#)

### [PDF] Untitled

File Format: PDF/Adobe Acrobat



**Email** can be spoofed to mask the true identity of the **sender**. ..... Integrity—Each piece of source code should be assigned a **unique ID** and version. number. ...  
tijuahson.com/Documents/CISA%20Exam%20Prep%20Certified%20Information%  
20Systems%20Auditor.pdf - [Similar pages](#)

*In order to show you the most relevant results, we have omitted some entries very similar to the 9 already displayed.*

*If you like, you can repeat the search with the omitted results included.*

Try [Google Desktop](#): search your computer as easily as you search the web.

---

email completed "track response" ur

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

email completed track response "unique identi

Search

[Advanced Search](#)  
[Preferences](#)

Web Results 1 - 10 of about 345 for email completed track response "unique identification number" intend recipient se

### E-mail certification service - Patent 20070143407

In addition, the **sender's e-mail** address, **recipient's e-mail** addresses and ..... the **e-mail** client uses the **unique identification number** as an index into a ...

[www.freepatentsonline.com/20070143407.html](http://www.freepatentsonline.com/20070143407.html) - 144k - [Cached](#) - [Similar pages](#)

### System and method of exchanging identification informaton for ...

The **response** may be in the form of a reply **email** message or in some other .... and the new IP address for the **intended recipient** mobile station has not yet ...

[www.freepatentsonline.com/20060252415.html](http://www.freepatentsonline.com/20060252415.html) - 73k - [Cached](#) - [Similar pages](#)

[ [More results from www.freepatentsonline.com](#) ]

### System and method of exchanging identification information for ...

The **response** may be in the form of a reply **email** message or in some other .... so that only the **intended recipient** mobile station can decrypt the message. ...

[www.patentstorm.us/patents/7103333-description.html](http://www.patentstorm.us/patents/7103333-description.html) - 64k - [Cached](#) - [Similar pages](#)

### Flood Control on the Information Ocean: Living With Anonymity ...

A remailer that gives the **recipient** no clues as to the **sender's** identity, ... to a remailer for immediate forwarding to the **intended recipient** requires an ...

[osaka.law.miami.edu/~froomkin/articles/ocean1.htm](http://osaka.law.miami.edu/~froomkin/articles/ocean1.htm) - 243k - [Cached](#) - [Similar pages](#)

### EP1417814 Res european software patent - System and method for ...

1 shows an **e-mail sender** 10, the Internet 20, a message server system 40, ..... it is typically encrypted for each **intended recipient** and included in the ...

[gauss.ffii.org/PatentView/EP1417814](http://gauss.ffii.org/PatentView/EP1417814) - 132k - [Cached](#) - [Similar pages](#)

### EP1410293 Res european software patent - System and method for ...

Also shown is an **e-mail sender** 10, which could for example be an ..... session key is then encrypted using a public key of each **intended message recipient**, ...

[gauss.ffii.org/PatentView/EP1410293](http://gauss.ffii.org/PatentView/EP1410293) - 199k - [Cached](#) - [Similar pages](#)

[ [More results from gauss.ffii.org](#) ]

### [PDF] E-Mail Rules

File Format: PDF/Adobe Acrobat

fication, as the **e-mail sender's** address is external, which could ..... **e-mail** message can be read only by its **intended recipient**, ...

[www.amanet.org/books/downloads/pdfs/E-Mail\\_Rules.pdf](http://www.amanet.org/books/downloads/pdfs/E-Mail_Rules.pdf) - [Similar pages](#)

### Computer Crimes Definitions – Forward Edge II

(a governmental entity) which, when **completed** with information concerning a particular individual, is of a type **intended** or commonly accepted for the ...

[www.forwardedge2.com/fieldguide/glossary.aspx](http://www.forwardedge2.com/fieldguide/glossary.aspx) - 121k - [Cached](#) - [Similar pages](#)

### [PDF] Policy Document on "Identity and Access Management (IAM)"

File Format: PDF/Adobe Acrobat - [View as HTML](#)

assign a **Unique Identification number** to each such resident (Citizens and ..... Ensuring that a resource may only be used by its **intended recipient**. ...

[egovstandards.gov.in/public-review/egscontent.2007-09-03.1886948879/at\\_download/file](http://egovstandards.gov.in/public-review/egscontent.2007-09-03.1886948879/at_download/file) - [Similar pages](#)

[doc] Covered Functions

File Format: Microsoft Word - [View as HTML](#)

**Automatic** logoff is a security control that prevents unauthorized ..... This would prevent someone not **intended** to receive the **email** from being able to ...

[www.ohi.ca.gov/calohi/docs/IM2007-16\\_Exhibit\\_1\\_Security\\_Glossary.doc](#) - [Similar pages](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#)     **[Next](#)**

Download [Google Pack](#): free essential software for your PC

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more](#) ▾

[Sign in](#)

[Google](#)

email completed track response unique "identi Search [Advanced Search](#)  
[Preferences](#)

Web Results 1 - 10 of about 29,000 for email completed track response unique "identification number" intend recipient

### AUTONOMIC E-MAIL PROCESSING SYSTEM AND METHOD - Patent 20050027803

Note that a **sender** or **recipient** may consider an autonomic e-mail message to ..... for that user preferably **designated "Completed Autonomic E-mail"** or under ...

[www.freepatentsonline.com/20050027803.html](http://www.freepatentsonline.com/20050027803.html) - 133k - [Cached](#) - [Similar pages](#)

### Electronic mail filtering system - Patent 20020133469

The check is made out to the **intended recipient** with an expiration date and a ... the **sender's email** service provider may optionally provide **automatic** ...

[www.freepatentsonline.com/20020133469.html](http://www.freepatentsonline.com/20020133469.html) - 53k - [Cached](#) - [Similar pages](#)

[ [More results from www.freepatentsonline.com](#) ]

### System and method of exchanging identification information for ...

The **response** may be in the form of a reply **email** message or in some other form. .... using a **unique identification number** associated with each device. ...

[www.patentstorm.us/patents/7103333-description.html](http://www.patentstorm.us/patents/7103333-description.html) - 64k - [Cached](#) - [Similar pages](#)

### Methods and apparatus for facilitating the delivery of e-mail ...

The **e-mail sender** is required to populate the text message field of the SMS message ..... to the **intended recipient** address via the SMS-to-Email gateway. ...

[www.patentstorm.us/patents/7151932-description.html](http://www.patentstorm.us/patents/7151932-description.html) - 62k - [Cached](#) - [Similar pages](#)

[ [More results from www.patentstorm.us](#) ]

### [doc] A ABA (American Bankers Association): The national trade ...

File Format: Microsoft Word - [View as HTML](#)

Data encryption ensures that only the **intended recipient** has the ability to read and ....

Refers to the Merchant **Identification Number**. This **unique** number ...

[ilovechecks.com/downloads/glossary\\_of\\_terms\\_cc.doc](http://ilovechecks.com/downloads/glossary_of_terms_cc.doc) - [Similar pages](#)

### Telephonic communications inventions 200705

The request may identify a single **intended recipient** device. .... availability of **unique** identification information for the calling party in **response** to ...

[www.freshpatents.com/Telephonic-communications-dt200705ntc379.php](http://www.freshpatents.com/Telephonic-communications-dt200705ntc379.php) - 158k -

[Cached](#) - [Similar pages](#)

### [doc] SECURITY HANDBOOK

File Format: Microsoft Word - [View as HTML](#)

A procedure must be developed to cover instances when a site is notified that a fax was received by other than the **intended recipient**. ...

[csrc.nist.gov/groups/SMA/fasp/documents/policy\\_procedure/technical-controls-policy.doc](http://csrc.nist.gov/groups/SMA/fasp/documents/policy_procedure/technical-controls-policy.doc) -

[Similar pages](#)

### The Digital Imprimatur

On the Secure Internet, **E-mail** messages will not be delivered unless signed by the originator's certificate; the **recipient** of such a message will know who ...

[www.fourmilab.ch/documents/digital-imprimatur/](http://www.fourmilab.ch/documents/digital-imprimatur/) - 195k - [Cached](#) - [Similar pages](#)

### (WO/2007/085090) SYSTÈME ET PROCÉDÉ D'AUTORISATION D'UN TRANSFERT ...

The participating institutions of the **sender** and **recipient** of the funds ..... keypad corresponding to the **intended recipient** (e.g. 1 for "Heather Barron", ...

www.wipo.int/pctdb/fr/ia.jsp?LANGUAGE=FR&IA=CA2007%2F000123&DISPLAY=DESC -  
117k - [Cached](#) - [Similar pages](#)

### Security of Electronic Money

Electronic money suppliers were asked to **complete** a questionnaire on their ..... and the message then retransmitted to its **intended recipient** device. ...

cryptome.org/BIS\_smart\_security.html - 195k - [Cached](#) - [Similar pages](#)

1 2 3 4 5 6 7 8 9 10 **[Next](#)**

Download [Google Pack](#): free essential software for your PC

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)



[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

email completed track response unique "identi"  [Advanced Search](#)  
[Preferences](#)

**Web Results 11 - 20** of about **29,000** for **email completed track response unique "identification number" intend recipier**

Electrical computers and digital processing systems: multicomputer ...

When a **sender** sends an **email** message to a **recipient**, ..... including a respective personal **identification number** (PIN) and a **unique** identification (ID). ...  
[www.freshpatents.com/Electrical-computers-and-digital-processing-systems--multicomputer-data-transferring...](http://www.freshpatents.com/Electrical-computers-and-digital-processing-systems--multicomputer-data-transferring...) - 250k - [Cached](#) - [Similar pages](#)

(WO/2004/014089) PROVIDING ADVANCED COMMUNICATIONS FEATURES

For example, if an **intended recipient** MS is unavailable to receive an .... to a set of permissible **senders**, e. g. , as **designated** by the **recipient** user. ...  
[www.wipo.int/pctdb/en/wo.jsp?WO=2004%2F014089&IA=WO2004%2F014089&DISPLAY=DESC](http://www.wipo.int/pctdb/en/wo.jsp?WO=2004%2F014089&IA=WO2004%2F014089&DISPLAY=DESC) - 87k - [Cached](#) - [Similar pages](#)

all

Attorneys sense, with good reason, that the law will **track** technological .... The section was **intended** to allow the addressee **complete** and unfettered ...  
[www.law.berkeley.edu/journals/btlj/articles/vol11/Bovenzi/html/text.html](http://www.law.berkeley.edu/journals/btlj/articles/vol11/Bovenzi/html/text.html) - 122k - [Cached](#) - [Similar pages](#)

SP800-45v2 guidelines on email security

Only after the **complete recipient** list is sent to the server does the client ..... The **email** is **intended** to deceive users into responding to the **email** and ...  
[www.scribd.com/doc/190927/SP80045v2-guidelines-on-email-security](http://www.scribd.com/doc/190927/SP80045v2-guidelines-on-email-security) - 381k - [Cached](#) - [Similar pages](#)

Computer Crimes Definitions – Forward Edge II

If an account **designated** by an Issuer for pickup is not on the Exception File, .... Electronic Serial Number (ESN): A **unique identification number** for each ...  
[www.forwardedge2.com/fieldguide/glossary.aspx](http://www.forwardedge2.com/fieldguide/glossary.aspx) - 121k - [Cached](#) - [Similar pages](#)

Flood Control on the Information Ocean: Living With Anonymity ...

A remailer that gives the **recipient** no clues as to the **sender's** identity, ..... e.g., a **unique identification number**, to allow it to trace the coin back to ...  
[osaka.law.miami.edu/~froomkin/articles/ocean1.htm](http://osaka.law.miami.edu/~froomkin/articles/ocean1.htm) - 243k - [Cached](#) - [Similar pages](#)

[PDF] HL7 EHR-System Functional Model: White paper

File Format: PDF/Adobe Acrobat - [View as HTML](#)  
ISO/TC 215 under the Vienna Agreement when the project is **completed** in 2004. It would ..... pharmacy or another **intended recipient** of. pharmacy orders. ...  
[www.sanita.forumpa.it/documenti/0/100/140/148/EHR-SWhitePaper.pdf](http://www.sanita.forumpa.it/documenti/0/100/140/148/EHR-SWhitePaper.pdf) - [Similar pages](#)

[Federal Register: August 12, 1998 (Volume 63, Number 155 ...

We **intend** to publish in each proposed rule an impact analysis that is specific ..... and receipt of a message from the **sender** to the **intended recipient**). ...  
[aspe.hhs.gov/admsimp/nprm/secnprm.txt](http://aspe.hhs.gov/admsimp/nprm/secnprm.txt) - 266k - [Cached](#) - [Similar pages](#)

[doc] The Use of Public Key Technology in Securing Critical Infrastructures

File Format: Microsoft Word - [View as HTML](#)  
A **sender** can encrypt a document so that only the **intended recipient** can ..... The use of PKI promises improved service delivery in **response** to USPTO ...

[www.cio.gov/fpkisc/library/pkireport053100.doc](http://www.cio.gov/fpkisc/library/pkireport053100.doc) - [Similar pages](#)

[doc] Covered Functions

File Format: Microsoft Word - [View as HTML](#)

Employer **Identification Number** (EIN) is the standard **unique** ..... This would prevent someone not **intended** to receive the **email** from being able to open it. ...

[www.ohi.ca.gov/calohi/docs/IM2007-16\\_Exhibit\\_1\\_Security\\_Glossary.doc](http://www.ohi.ca.gov/calohi/docs/IM2007-16_Exhibit_1_Security_Glossary.doc) - [Similar pages](#)

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next](#)

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

email completed track response unique "identi

Search

[Advanced Search](#)  
[Preferences](#)

Web Results 21 - 30 of about 29,000 for email completed track response unique "identification number" intend recipier

[PDF] [Policy Document on "Identity and Access Management \(IAM\)"](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

assign a **Unique Identification number** to each such resident (Citizens and ..... Ensuring that a resource may only be used by its **intended recipient**. ...

egovstandards.gov.in/public-review/egscontent.2007-09-03.1886948879/at\_download/file -

[Similar pages](#)

[DOC] [SECURITY HANDBOOK](#)

File Format: Microsoft Word - [View as HTML](#)

**Unique Identification**. Every Agency information system must ensure that ..... is notified that a fax was received by other than the **intended recipient**. ...

csrc.nist.gov/fasp/FASPDocs/program-mgmt/technical-controls-policy.doc - [Similar pages](#)

[PDF] [Send Out Cards, LLC](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

receive a Distributor **Identification Number**. A new Distributor Kit must be ordered .... 2)

The **sender** of bulk **email** must be able to prove that the **recipient** ...

<https://www.sendoutcards.com/pdf/policies.pdf> - [Similar pages](#)

[About Company](#)

Just enter the **recipient's email** address and the amount you wish to send. .... and sent to the **designated recipient**, per your sending instructions. ...

netrichesprocessing.com/ - 53k - [Cached](#) - [Similar pages](#)

[Security - Columbia University Biomedical and Health Information ...](#)

To be **designated** as an HIPAA standard, each standard should: 1. .... transmission and receipt of a message from the **sender** to the **intended recipient**). ...

[www.cubhis.org/about/security/wais.html](http://www.cubhis.org/about/security/wais.html) - 312k - [Cached](#) - [Similar pages](#)

[PDF] [CPSS Publications - Security of Electronic Money - Foreword - Jan 1996](#)

File Format: PDF/Adobe Acrobat - [View as HTML](#)

and the message then retransmitted to its **intended recipient** device. .... All devices contain a **unique. identification number** certified by the ...

[www.bis.org/publ/cpss18.pdf](http://www.bis.org/publ/cpss18.pdf) - [Similar pages](#)

[HCFA 8/12/98 FR Notice](#)

Section 142.308 Security Standard In summary, each entity **designated** in Sec. .... and receipt of a message from the **sender** to the **intended recipient**). ...

[www.managedcaremuseum.com/archives/Artcl255.htm](http://www.managedcaremuseum.com/archives/Artcl255.htm) - 279k - [Cached](#) - [Similar pages](#)

[DOC] [Information Workers' Handbook](#)

File Format: Microsoft Word - [View as HTML](#)

The auto-response function of e-mail programs can be exploited to set up a ..... may still exist on the server or on the **sender's** or **recipient's** computer. ...

[download.microsoft.com/.../2/6/6/266a2a52-8fd5-4e26-b7c0-6c58ef55c021/Information%20Workers%20Handbook.doc](http://download.microsoft.com/.../2/6/6/266a2a52-8fd5-4e26-b7c0-6c58ef55c021/Information%20Workers%20Handbook.doc) - [Similar pages](#)

[DOC] [The Use of Public Key Technology in Securing Critical Infrastructures](#)

File Format: Microsoft Word - [View as HTML](#)

A **sender** can encrypt a document so that only the **intended recipient** can ..... The EMA demonstration used Eudora and Microsoft Outlook **e-mail** clients: the ...  
cio.nist.gov/esd/emaildir/lists/pki-twg/doc00009.doc - [Similar pages](#)

EP1417814 Res european software patent - System and method for ...  
1 shows an **e-mail sender** 10, the Internet 20, a message server system 40, ..... using a **unique identification number** associated with each mobile device. ...  
gauss.ffii.org/PatentView/EP1417814 - 132k - [Cached](#) - [Similar pages](#)

[Previous](#) [1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [Next](#)

---

[Search within results](#) | [Language Tools](#) | [Search Tips](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)

[Web](#) [Images](#) [Video](#) [News](#) [Maps](#) [Gmail](#) [more ▾](#)

[Sign in](#)

Google

email answer complete track response unique

Search

[Advanced Search](#)  
[Preferences](#)

Web Results 1 - 10 of about 25,500 for email answer complete track response unique "identification number" intend re

### AUTONOMIC E-MAIL PROCESSING SYSTEM AND METHOD - Patent 20050027803

Note that a **sender** or **recipient** may consider an autonomic e-mail message to be "completed" ... generator 282 and **response identification number** (SID No. ...  
[www.freepatentsonline.com/20050027803.html](http://www.freepatentsonline.com/20050027803.html) - 133k - [Cached](#) - [Similar pages](#)

### System and method for transferring funds - Patent 20020016763

While the **recipient** and **sender** in such a system does not have to be a direct .... or **recipient** 14 knows the **answer** to a **unique** commonly known question etc. ...  
[www.freepatentsonline.com/20020016763.html](http://www.freepatentsonline.com/20020016763.html) - 66k - [Cached](#) - [Similar pages](#)  
[ [More results from www.freepatentsonline.com](#) ]

### Computer Crimes Definitions – Forward Edge II

Electronic Serial Number (ESN): A **unique identification number** for each .... Skimming: Replication of electronically transmitted full **track** data to allow ...  
[www.forwardedge2.com/fieldguide/glossary.aspx](http://www.forwardedge2.com/fieldguide/glossary.aspx) - 121k - [Cached](#) - [Similar pages](#)

### Methods and apparatus for facilitating the delivery of e-mail ...

The **e-mail sender** is required to populate the text message field of the SMS message .... to the **intended recipient** address via the SMS-to-Email gateway. ...  
[www.patentstorm.us/patents/7151932-description.html](http://www.patentstorm.us/patents/7151932-description.html) - 62k - [Cached](#) - [Similar pages](#)

### Electronic mail system having integrated voice messages - US ...

The computer system locates the **recipient E-mail** name from the stored ... The **sender's** and **recipient's** names are located from the user table, step 1008. ...  
[www.patentstorm.us/patents/5717742-description.html](http://www.patentstorm.us/patents/5717742-description.html) - 73k - [Cached](#) - [Similar pages](#)

### Telephonic communications inventions 200705

The request may identify a single **intended recipient** device. .... availability of **unique** identification information for the calling party in **response** to ...  
[www.freshpatents.com/Telephonic-communications-dt200705ntc379.php](http://www.freshpatents.com/Telephonic-communications-dt200705ntc379.php) - 158k - [Cached](#) - [Similar pages](#)

### The Digital Imprimatur

On the Secure Internet, **E-mail** messages will not be delivered unless signed by the originator's certificate; the **recipient** of such a message will know who ...  
[www.fourmilab.ch/documents/digital-imprimatur/](http://www.fourmilab.ch/documents/digital-imprimatur/) - 195k - [Cached](#) - [Similar pages](#)

### Security of Electronic Money

Electronic money suppliers were asked to **complete** a questionnaire on their .... and the message then retransmitted to its **intended recipient** device. ...  
[cryptome.org/BIS\\_smart\\_security.html](http://cryptome.org/BIS_smart_security.html) - 195k - [Cached](#) - [Similar pages](#)

### (WO/2007/085090) SYSTÈME ET PROCÉDÉ D'AUTORISATION D'UN TRANSFERT ...

The participating institutions of the **sender** and **recipient** of the funds ..... keypad corresponding to the **intended recipient** (e.g. 1 for "Heather Barron", ...  
[www.wipo.int/pctdb/fr/ia.jsp?LANGUAGE=FR&IA=CA2007%2F000123&DISPLAY=DESC](http://www.wipo.int/pctdb/fr/ia.jsp?LANGUAGE=FR&IA=CA2007%2F000123&DISPLAY=DESC) - 117k - [Cached](#) - [Similar pages](#)

### (WO/2004/014089) PROVIDING ADVANCED COMMUNICATIONS FEATURES



For example, if an **intended recipient** MS is unavailable to receive an .... to a set of permissible **senders**, e. g. , as **designated** by the **recipient** user. ...  
www.wipo.int/pctdb/en/wo.jsp?WO=2004%2F014089&IA=WO2004%2F014089&DISPLAY=DESC - 87k - [Cached](#) - [Similar pages](#)

1 2 3 4 5 6 7 8 9 10 **Next**

Download [Google Pack](#): free essential software for your PC

---

email answer complete track respon

[Search within results](#) | [Language Tools](#) | [Search Tips](#) | [Dissatisfied? Help us improve](#)

---

©2007 Google - [Google Home](#) - [Advertising Programs](#) - [Business Solutions](#) - [About Google](#)